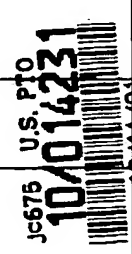


Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE	Atty. Docket No. US010537	Serial No. <div style="text-align: center;">  </div>
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant ANTONIO COLMENAREZ ET AL	
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		Applicant ANTONIO COLMENAREZ ET AL.				
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TL	AA	5 8 9 5 4 6 4	4/20/99	BHANDARI ET AL.	707	3
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TL	AL	Schafer et al: "Recommender systems in e-commerce" Proceedings ACM Conference On Electronic Commerce, 1999, pages 158-166				
	AM					
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Examiner <i>[Signature]</i>			Date Considered <i>11/23/04</i>			
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